

ABSTRACT

A composition including a polyalphaolefin and at least one alpha olefin monomer partitioning agent that function as drag reducing agents and a process for the preparation of the drag
5 reducing agents are disclosed. The process includes the steps of contacting alpha olefin monomers with at least one catalyst in a reactant mixture to form a polyalphaolefin. The reactant mixture may include at least one alpha olefin partitioning agent or the at least one alpha olefin partitioning agent may be mixed with the polyalphaolefin after polymerization. The alpha olefin monomer partitioning agents are alpha olefin monomers that are solid at ambient temperatures. Preferably, the alpha olefin
10 monomers are selected from the group consisting of C_{20} - C_{60} alpha olefin monomers. A process for reducing drag in a conduit is also disclosed.